



1743  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Monforte  
Serial No.: 10/014,731  
Filed: December 11, 2001  
Confirmation No.: 5775  
For: *MULTIPLEXED PROTEIN EXPRESSION  
AND ACTIVITY ASSAY*

Art Unit: 1743  
Examiner: Unassigned

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202, on this date.

04/30/02  
Date

*Mantza O'Neill*  
Mantza O'Neill

TRANSMITTAL LETTER

Commissioner for Patents  
Arlington, VA 22202

RECEIVED  
MAY 08 2002  
TC 1/00

Dear Sir:

Transmitted herewith is a Preliminary Amendment for filing in connection with the above-identified application.

- ☒ The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,  
HELLER EHRMAN WHITE & McAULIFFE LLP

By: *Stephanie Seidman*  
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Martza O'Neill

PRELIMINARY AMENDMENT

Commissioner for Patents  
Arlington, VA 22202

Dear Sir:

Preliminary to examination of the above-captioned patent application,  
please amend the application as follows:

**IN THE SPECIFICATION:**

Please amend the specification as follows (a marked-up copy of the  
amended specification is attached to this Amendment):

Please replace the paragraph beginning on page 3, line 22, through page  
4, line 2, with the following paragraph:

**SUMMARY**

Multiplexed assays for determining protein expression levels and activity  
that provide the above-noted features and many others are provided. The  
assays provided herein can simultaneously monitor hundreds of proteins within a  
sample. An exemplary assay employs display binding proteins, such as phage-  
displayed antibodies, to which proteins of interest bind. Each phage can contain  
a marker component. After binding to the protein or proteins of interest, the  
phage or the marker component within the phage, if necessary or desired, is  
amplified, and the marker component detected, such as with mass